

02/20/02

3C872 U.S. PTO

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02-25-02

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

UCSF-127CIP2

First Inventor

COX, DAVID R.

Title

MISMATCH REPAIR DETECTION

Express Mail Label No.

EL 923 483 252 US

## APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages: 109]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages: 16]

5. Oath or Declaration [Total Pages: ]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
if applicable, all necessary
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☒ CD-ROM or CD-R (1 copy); or
- ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS/PTO-1449)
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: Unassigned, Filed 02-08-2002

Prior application information: Examiner: Unassigned

Group Art Unit: Unassigned

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

or ☐ Correspondence address below

Name

Pamela J. Sherwood

PATENT & TRADEMARK OFFICE

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36,677

Signature

*Pamela J. Sherwood*

Date

February 20, 2002

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number	Unassigned
Filing Date	Herewith (02-20-2002)
First Named Inventor	COX, DAVID R.
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	UCSF-127CIP2

TOTAL AMOUNT OF PAYMENT (\$)**1098.00**

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number **50-0815**  
Deposit Account Name **Bozicevic, Field & Francis LLP**  
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☒ Applicant Claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:  
☐ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 2. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 740 201 370		Utility filing fee	370.00
106 330 206 165		Design filing fee	
107 510 207 255		Plant filing fee	
108 740 208 370		Reissue filing fee	
114 160 214 80		Provisional filing fee	
SUBTOTAL (1)			370.00

### 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
62-20**	=42 x	9.00 =	378.00
Indep. Claims 8-3**	= 5 x 42.00	=	210.00
Multiple Dependent		140.00	= 140.00

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103 18 203 9		Claims in excess of 20
102 84 202 42		Independent claims in excess of 3
104 280 204 140		Multiple dependent claim, if not paid
109 84 209 42		** Reissue independent claims over original patent
110 18 210 9		** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 728.00		

\*\*or number previously paid, if greater; For Reissues, see above.

## FEE CALCULATION (continued)

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for ex parte reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examination action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 400 216 200		Extension for reply within second month	
117 920 217 460		Extension for reply within third month	
118 1,440 218 720		Extension for reply within fourth month	
128 1,960 228 980		Extension for reply within fifth month	
119 320 219 160		Notice of Appeal	
120 320 220 160		Filing a brief in support of an appeal	
121 280 221 140		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,280 241 640		Petition to revive - unintentional	
142 1,280 242 640		Utility issue fee (or reissue)	
143 460 243 230		Design issue fee	
144 620 244 310		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Processing fee under 37 CFR 1.17(q)	
126 180 126 180		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	
146 740 246 370		For each additional invention to be examined (37 CFR § 1.129(a))	
149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))	
179 740 279 370		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	

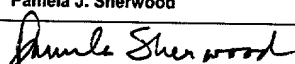
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**00**

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Pamela J. Sherwood	Registration No. (Attorney/Agent)	36,677	Telephone	(650) 327-3400
Signature		Date	02/20/2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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# **CERTIFICATION REGARDING SEQUENCE LISTING**

Application Number	Unassigned
Confirmation Number	Unassigned
Filing Date	Herewith (02-20-02)
First Named Inventor	David R. Cox et al.
Examiner	Unassigned
Group Art	Unassigned
Attorney Docket No.	UCSF-127CIP2

ADDRESS TO: Assistant Commissioner for Patents  
Washington, D.C. 20231

I hereby certify that the enclosed Sequence Listing is being submitted under 37 CFR §§ 1.821(c) and (e) in paper and computer readable form (Compact Disk labeled 'CRF').

As required by 37 CFR 1.821(f), I hereby state that the content of the paper and computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e) are the same. The Computer Readable Format (CRF), being submitted under 37 CFR §§ 1.52(e) and 1.824, is formatted on IBM-PC, the operating system compatibility is MS-Windows and the file listing is:

Sequence Listing.txt 1 KB created 02-20-2002.

I hereby certify that the enclosed submission includes no new matter. The Sequence Listing was prepared with the software FASTSEQ, and conforms to the Patent Office guidelines. Applicant respectfully submits that the subject application is in adherence to 37 CFR §§ 1.821-1.825.

The Commissioner is authorized to charge any fees which may be required, or credit any overpayment to Deposit Account 50-0815, Order No. UCSF-127CIP2. If additional fees are required, including extensions of time, please consider this a petition therefore.

Name (Print/Type)	Ramela J. Sherwood	Registration No.	36,677
Signature	<i>Ramela Sherwood</i>	Date	02-20-2002
Firm Name	Bozicevic, Field & Francis LLP	Address	200 Middlefield Road, Suite 200
City	Menlo Park	State	California
		zip	94025
Telephone - Direct Dial	650-833-7790	Facsimile	650-327-3231

## **CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

Name (Print/Type)	Susan M. Alessi	Signature	<i>Susan M. Alessi</i>	Date	02-20-2002
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